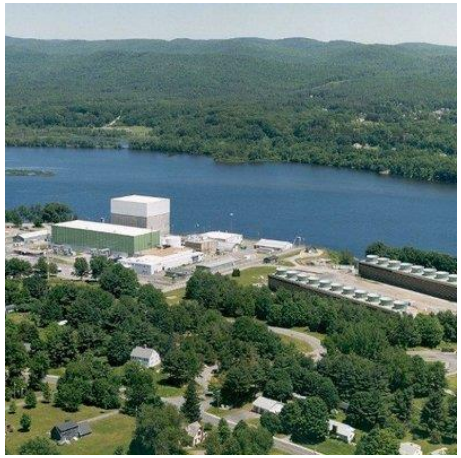
Nuclear Decommissioning Citizens Advisory Panel (NDCAP)

September 28, 2017



Introductions

Joseph R. Lynch
Sr. Manager, Government Affairs
Decommissioning – EWC

Decommissioning Project Status

VY Decommissioning Update

- Dry Fuel Storage Project
  - ISFSI Pad Construction
    - Construction of second pad started on March 13th
    - Second ISFSI pad was declared operational on August 14th
- Dry Fuel Loading
  - Cask loading initiated week of June 11, 2017.
  - Twelve (12) casks have been loaded in 2017 with a total of 25 casks loaded and stored on the ISFSI pads.
  - Target all fuel transferred to the ISFSI by end of 2018, pending NRC approvals.

VY Decommissioning Update (Cont'd)

Completed 2nd ISFSI Pad

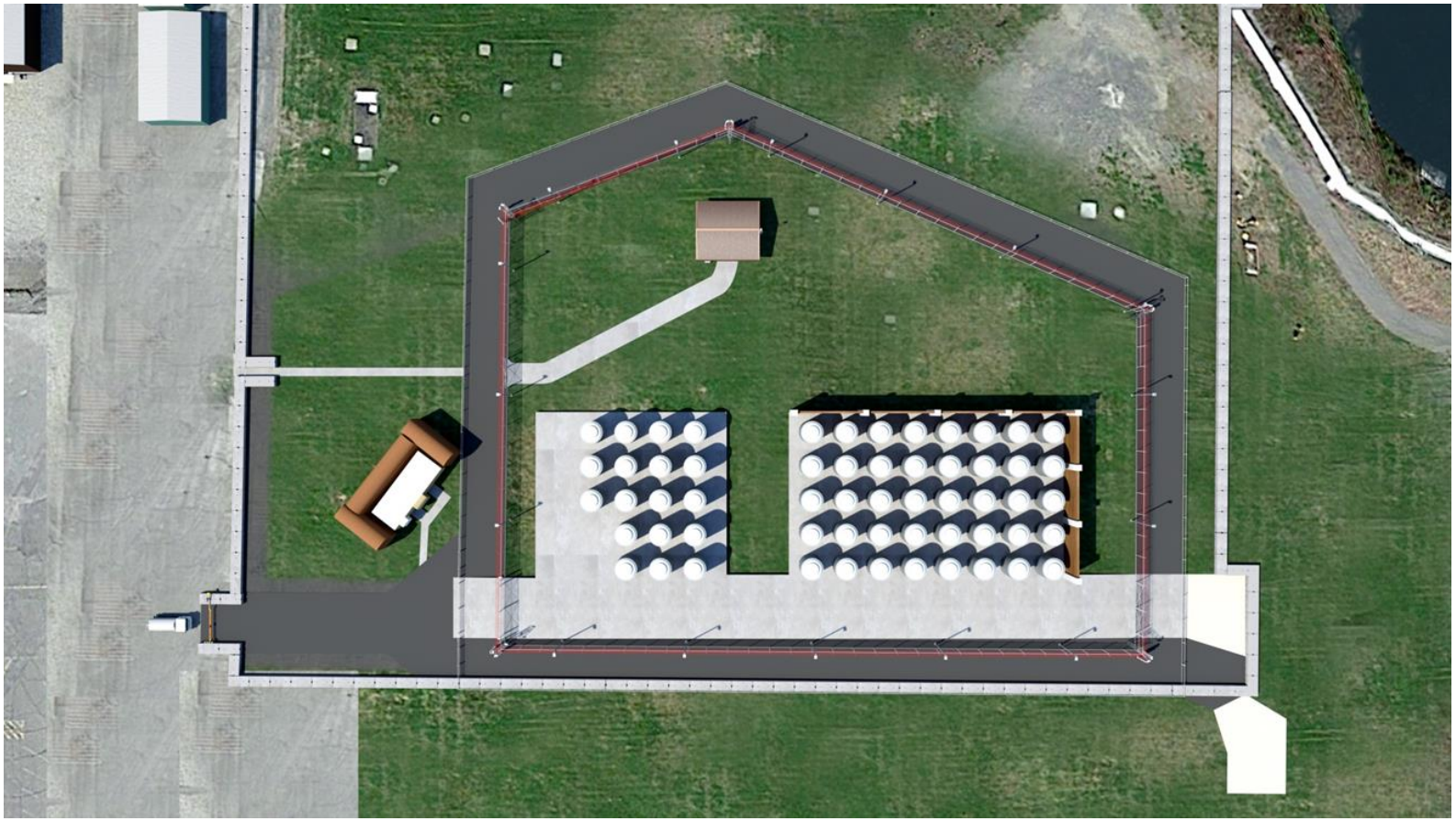
VY Water Management Update

- Water Management Update
  - Intrusion Water Disposition Plan
    - Intrusion water retention, shipment and removal plan continues to be implemented.
    - In-leakage prevention projects continue to further reduce the intrusion of groundwater.
  - EnergySolutions is providing shipment and disposal services
    - Groundwater is being shipped to EnergySolutions licensed disposal site in Tennessee.
    - Shipping approximately one shipment per week at the present intrusion rate to minimize on-site storage.
    - A total of 589,000 gallons have been shipped to date.

Reduction of Site Protected Area

- Background
  - After installation of 2nd ISFSI Pad and all fuel is transferred to dry storage, the Protected Area (PA) will be reduced – "ISFSI PA"
  - Protected area reduced to ISFSI to safeguard dry fuel systems
  - Installation of new vehicle barrier system, perimeter and security fences, cameras, lighting, Central Alarm Station (CAS) building
- Two primary benefits of reducing PA:
  - Access to decommission areas of the site that are outside of the PA
  - Cost reductions to optimize the decommissioning trust
- Submitted request for PUC approval to amend Docket 8300 CPG
  - Filed request for amendment with PUC on May 8th
  - PUC approval received on August 31st
- Construction will start upon receipt of required permits and completion of planning activities.
- Implementation is contingent on NRC approval of proposed changes to our Security Plan with a targeted completion by the end of 2018.

ISFSI Protected Area Rendering



ISFSI Protected Area Detail Rendering

Proposed VY Sale and Accelerated Decommissioning

Public Utility Commission Proceeding Update

- A revised PUC Scheduling Order was adopted on July 24th
  - The second Commission Public Hearing has been set for January 4th, 2018 in Vernon.
  - Technical Hearings have been scheduled in Montpelier the weeks of January 22nd and January 29th, 2018.
- Responses to petitioners' 1st round of discovery requests – September 27th (NEC due October 6th)
- Depositions are scheduled from October 2nd to October 13th
- Petitioners' rebuttal testimony due October 17th

NRC License Transfer Application Update

- License Transfer Application (LTA) filed with NRC – Feb. 9th
- NRC staff is in the process of reviewing the Application
- State of Vermont and New England Coalition (NEC) filed Requests for Hearing with the Commission in June
- Applicants filed Answers to the Requests for Hearing in July
- Commission decision on the Requests for Hearing expected 4Q17.

Nuclear Decommissioning Trust Update

Nuclear Decommissioning Trust Update

- The ENVY Nuclear Decommissioning Trust (NDT) balance was $571.5 Million on May 31, 2017
- The NDT balance was $574.6 Million on August 31, 2017
  - The increase was due to positive market performance, partially offset by reimbursements from the NDT. Fund expenses occur periodically throughout the year.
  - Summary of NDT Performance in 2017:
    - $22.8M in Qualified Withdrawals
    - $37.8M in Market Gains
    - $2.0M in Fund Expenses
- The Site Restoration Trust balance was $24.5 Million on August 31, 2017
  - Entergy has funded $20M to date; $4.5M fund growth.
  - Final $5M annual contribution to the Site Restoration Trust scheduled for December 2017.

Open Communication and Transparency

- Nuclear Decommissioning Citizens Advisory Panel (NDCAP)
- Stakeholder Outreach
  - Speaking Engagements
  - Media Interviews
  - Local Advertising
  - Continued Community Involvement
- Tours for Key Stakeholders
- Continued Employee involvement in the community
- Updated Website www.vydecommissioning.com

Open Communication and Transparency

Entergy

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News

Vermont Yankee Nuclear Power Corporation was formed in 1966 by a group of New England utilities, including Vermont's two largest utilities, Central Vermont Public Service Corporation and Green Mountain Power Corporation.

REFORMER: WELCH FINDS POST-VY ECONOMIC DEVELOPMENT UPDATE 'REASSURING'

September 22, 2017

Business leaders say they are optimistic.

› Read More

AP: TRIBE SEEKS VOICE IN NUCLEAR PLANT CLEANUP, LAND RESTORATION

September 22, 2017

NorthStar agrees to meet with Abenaki.

› Read More

LETTER: LET VERMONT YANKEE SITE LIE FALLOW

VTDIGGER: VERNON SEEKS 'UNRESTRICTED' FUTURE FOR VERMONT YANKEE SITE

Search site

VY DECOMMISSIONING IN THE NEWS

Business leaders say they are optimistic.

NorthStar agrees to meet with Abenaki.

Town opposed to leaving property vacant as nature preserve.

Amelia Shea: Let it be a nature preserve

Brad Ferland: Review process is necessary but should not be drawn out by unnecessary roadblocks.

VIEW ALL ARTICLES

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State | Federal | NDCAP

- 9-28-17 NDCAP agenda
- 6-22-17 Entergy Presentation
- 6-22-17 NDCAP agenda
- 5-25-17 NDCAP Agenda
- 3-23-17 NDCAP Agenda
- 1-26-17 Draft Minutes for Approval

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